



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

## NOTICE OF ACCEPTANCE (NOA)

**Therma-Tru Corporation**  
1687 Woodlands Drive  
Maumee, OH 43537

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (in Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION:** Series "Benchmark" Glazed Outswing Residential Insulated Steel Doors w/Adjusta-Fit Steel Frame

**APPROVAL DOCUMENT:** Drawing No. S-2007, titled "Benchmark Glazed Inswing Steel Door w/Adjusta-Fit Steel Frame", sheets 1 through 5 of 5, prepared by the Rick Wright Building Consulting, Inc., dated 2/25/00 with revision on 3/28/00, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING:** None

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 99-1028.04** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime Eisen, P.E.**



NOA No 03-0109.05  
Expiration Date: April 21, 2008  
Approval Date: February 20, 2003  
Page 1

**Therma-Tru Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2007**, titled "Benchmark Glazed Inswing Steel Door w/Adjusta-Fit Steel Frame", sheets 1 through 5 of 5, prepared by the Rick Wright Building Consulting, Inc., dated 2/25/00 with revision on 3/28/00.

**B. TESTS**

***Submitted under NOA#99-1028.04***

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of outswing and inswing steel edge opaque residential insulated steel pairs of doors, prepared by Certified Testing Laboratories, Test Report No. **CTLA-469W**, dated February 16, 2000, signed and sealed by Ramesh C. Patel, P.E.

**C. CALCULATIONS**

***Submitted under NOA#99-1028.04***

1. Anchor Calculations and structural analysis, dated November 1, 1999 prepared, signed and sealed by Mark Fetherman, P.E.

**D. MATERIAL CERTIFICATIONS**

***Submitted under NOA#99-1028.04***


1. Tensile Test prepared by Certified Testing Laboratories, Project No. **CTLA-469W**, dated October 26, 1999, for steel samples referenced DADE 990044, tested per ASTM E8/A370 or B557, signed and sealed by Ramesh C. Patel, P.E.
2. Test report # WHI-495-0920, issued to General Products Company, Inc. for "Two single swing 3' 0" x 7' 0" door and frame assemblies" ASTM E-152, dated August 28, 1988.

**E. STATEMENTS**

1. Statement letter of no change, prepared by R.W. Building Consultants, Inc., dated 12/22/02.

**F. OTHER**

1. Notice of Acceptance No. **99-1028.04**, General Products, Co., Inc., Benchmark" Glazed Outswing Residential Insulated Steel Doors w/Adjusta-Fit Steel Frame, approved on 4/21/00 and expiring on 4/21/03.

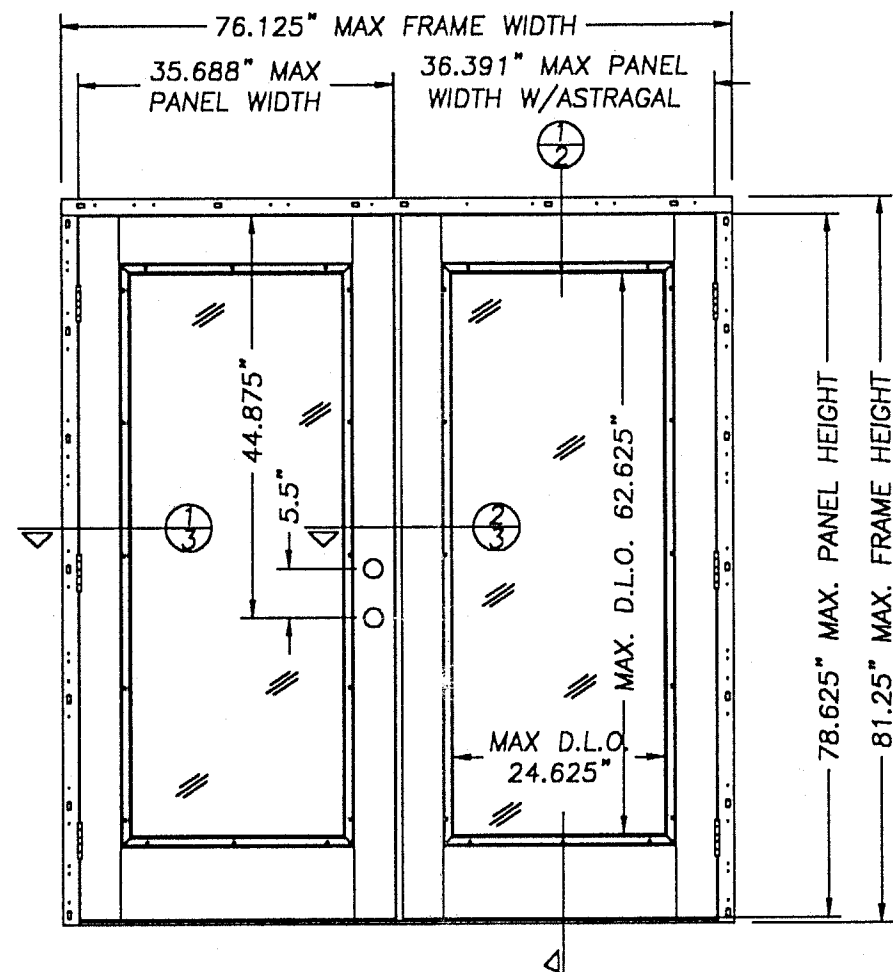
  
Jaime Eisen, P.E.  
Product Control Examiner  
NOA No 03-0109.05  
Expiration Date: April 21, 2008  
Approval Date: February 20, 2003

**OUTSWING GLAZED STEEL DOOR  
W/ADJUSTA-STEEL FRAME**

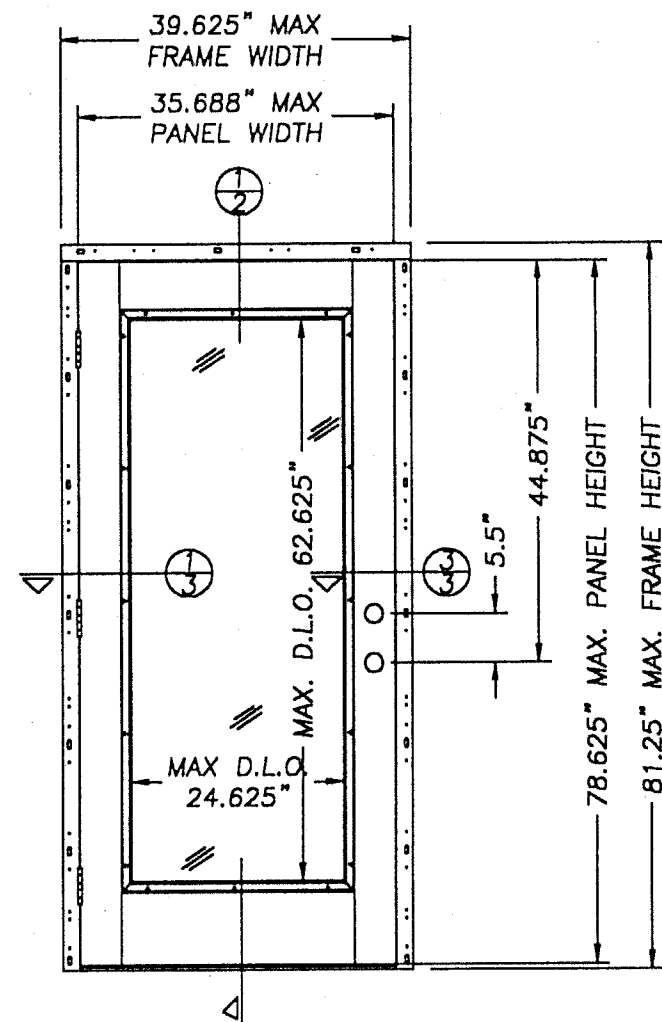
1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. IMPACT RESISTANT SHUTTERS ARE REQUIRED.
5. THE BARRIER FREE THRESHOLD SYSTEM DOES NOT MEET THE WATER REQUIREMENTS IN MIAMI-DADE COUNTY. THIS SYSTEM WAS TESTED FOR 2.86 lbs. OF WATER PRESSURE AS PER ASTM E331.

A. BASE FRAME MATERIAL: 16GA. (.054" MIN. THK.)  
B. CLOSURE FRAME MATERIAL: 20GA. (.033" MIN. THK.)  
C. THE FRAMES ARE ROLL FORMED AND PRESS BROKE WITH  
TABS AND SLOTS ON THE HEADERS TO FORM A LOCK.


TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	GENERAL NOTES AND ELEVATIONS
2	VERTICAL CROSS SECTIONS
3	HORIZONTAL CROSS SECTIONS & GLAZING DETAILS
4	ANCHOR LAYOUTS & DOOR MODELS
5	FRAME COMPONENTS & BILL OF MATERIAL



DOUBLE GLAZED DOOR ELEVATION  
VIEWED FROM EXTERIOR SIDE



SINGLE GLAZED DOOR ELEVATION  
VIEWED FROM EXTERIOR SIDE

DESIGN PRESSURE RATING	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	+ 60.0 PSF
NEGATIVE	- 60.0 PSF

BARRIER FREE THRESHOLD DOES NOT MEET WATER INFILTRATION REQUIREMENTS FOR MIAMI-DADE COUNTY.

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No 03-0109.05  
Expiration Date 04/21/08  
By [Signature]  
Miami-Dade Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE April 21, 2000  
BY Mmanuel  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-1028.04

GENERAL PRODUCTS CO. INC.  
P.O. BOX 7387  
FREDERICKSBURG, VA 22404  
PH. (540) 898-5700



**PRODUCT:** BENCHMARK GLAZED  
OUTSWING STEEL DOOR W/  
ADJUSTA-STEEL FRAME

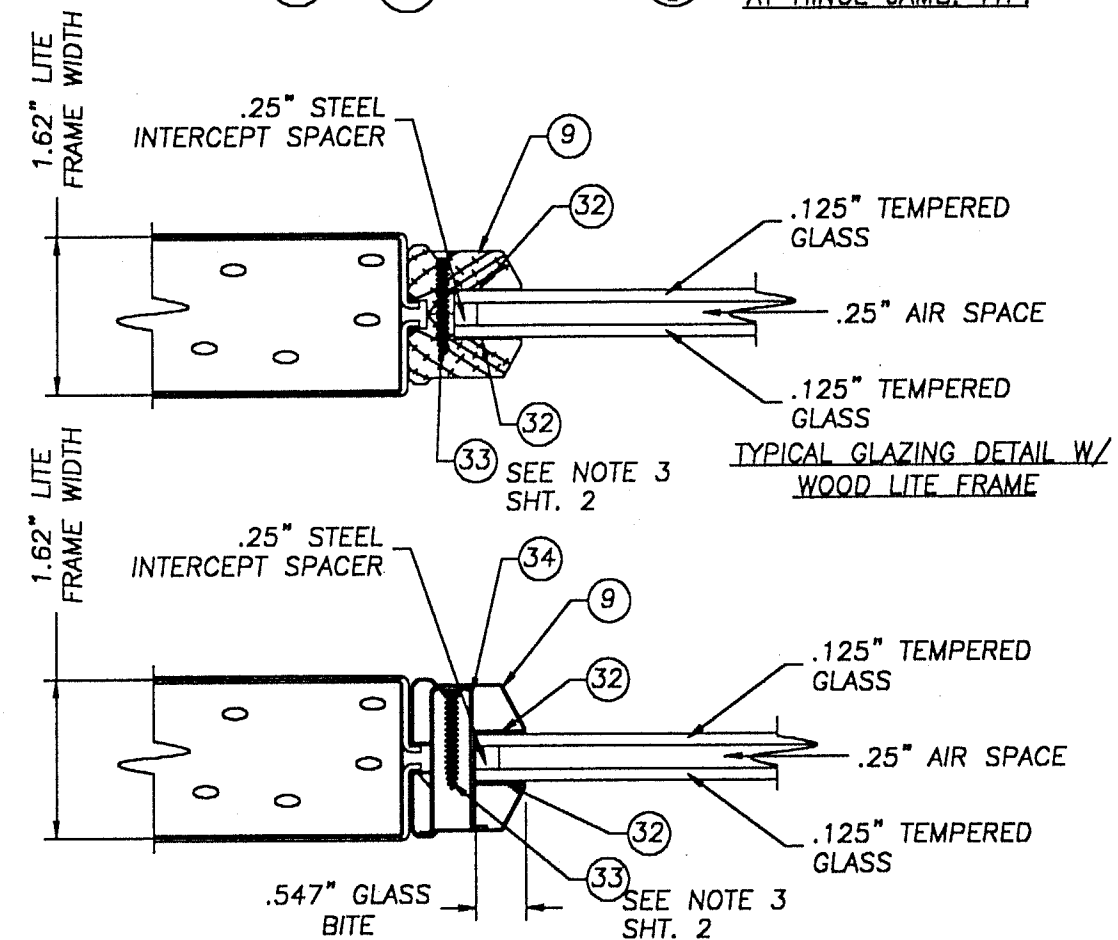
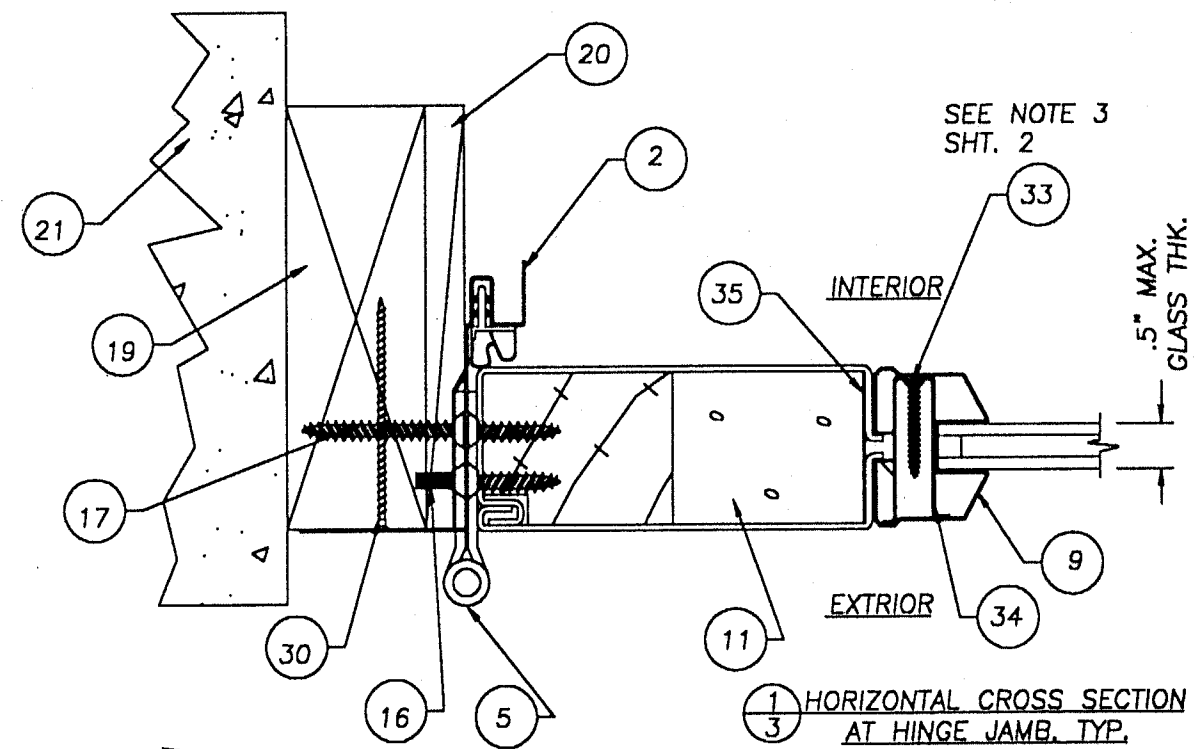
**PART OR ASSEMBLY:** ELEVATIONS &  
GENERAL NOTES

[illegible]

**RW BUILDING  
CONSULTANTS, INC.**  
813.684.3831

DATE:	2/25/00
SCALE:	N.T.S.
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	S-2006
SHEET	1 OF 5





**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No 03-0109.05  
Expiration Date 04/21/08  
By [Signature]  
Miami Date Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE April 21, 2009  
BY Manuel Perez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-1028.04

DATE:	2/25/00
SCALE:	N.T.S.
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	S-2006
SHEET	3 OF 5

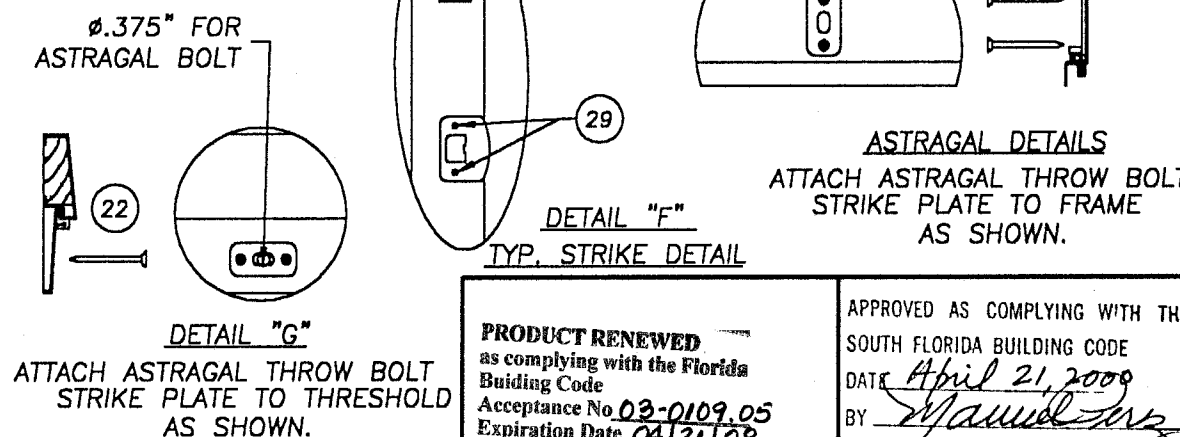
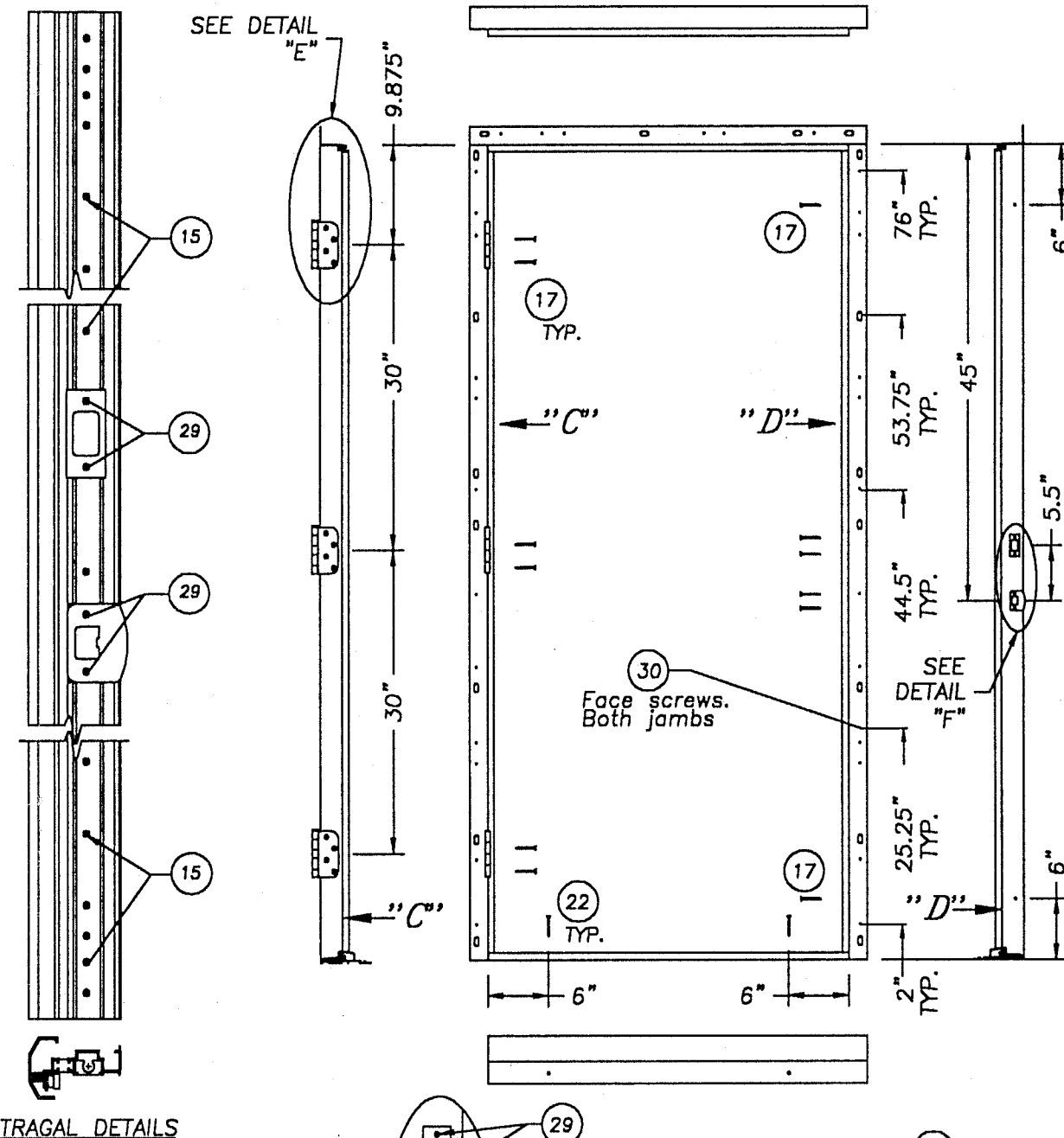
GENERAL PRODUCTS CO. INC.  
P.O. BOX 7387  
FREDERICKSBURG, VA 22404  
PH. (540) 898-5700



PRODUCT:	BENCHMARK GLAZED OUTSWING STEEL DOOR W/ ADJUSTA-STEEL FRAME
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS & GLAZING DETAIL

1	3/28/00	GENERAL	TJH
NO.	DATE		BY
REVISIONS			

**RW BUILDING  
CONSULTANTS, INC.**  
813.684.3831



APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE April 21, 2009  
BY Maund ms  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-1028.04

DATE:	2/25/00
SCALE:	N.T.S.
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	S-2006
SHEET	4 OF 5

GENERAL PRODUCTS CO. INC.  
P.O. BOX 7387  
FREDERICKSBURG, VA 22404  
PH. (540) 898-5700

**PRODUCT:** BENCHMARK GLAZED  
OUTSWING STEEL DOOR W/  
ADJUSTA-STEEL FRAME

**PART OR ASSEMBLY:** ANCHORING LAYOUTS &  
DOOR MODELS

1	3/28/00	GENERAL	TJH
NO.	DATE		BY
REVISIONS			

**RW BUILDING  
CONSULTANTS, INC.**  
813.684.3831

TEE ASTRAGAL

ADJUSTA-STEEL BASE FRAME  
W/FLAT FACE  
16GA. (.054" MIN.)

ADJUSTA-STEEL CLOSURE FRAME  
W/FLAT FACE  
20GA. (.033" MIN.)

3PIECE OUTSWING BUMP FACE  
ALUMINUM/WOOD THRESHOLD  
W/WOOD BUMP FACE ADD-ON PART

ADJUSTA-STEEL BASE FRAME  
W/1/2" RETURN LEG  
16GA. (.054" MIN.)

VINYL ADJUSTABLE SWEEP

3PIECE OUTSWING BUMP FACE  
ALL ALUMINUM THRESHOLD  
W/ALUM. BUMP FACE ADD-ON PART

ADJUSTA-STEEL CLOSURE FRAME  
W/FORMED BRICK MOLD  
20GA. (.033" MIN.)

BARRIER FREE THRESHOLD

INTEGRAL STEEL LITE FRAME  
24GA. (.023" MIN.)

WOOD LITE FRAME  
(PRIMED PINE OR UNPRIMED POPLAR)

ITEM	DESCRIPTION	MATERIAL
1	STEEL BASE HEADER (16GA. .054" MIN.)	STEEL
2	STEEL HINGE JAMB (16GA. .054" MIN.)	STEEL
3	STEEL CLOSURE HEADER (20GA. .033" MIN.)	STEEL
4	STEEL CLOSURE JAMB (20GA. .033" MIN.)	STEEL
5	NON-REMOVABLE PIN HINGE BENCHMARK 4" x 4" HINGE PROPRIETARY .097" THK.	STEEL
6	T-ASTRAGAL (.063" WALL THK.)	ALUMINUM
7	KWIKSET 200 DL PASSAGE	-
8	KWIKSET 660 DEADBOLT	-
9	STEEL INTEGRAL LITE FRAME OR WOOD LITE FRAME (PINE OR POPLAR)	STEEL WOOD
10	GLAZING, 1/2" INSULATED GLASS	-
11	POLYURETHANE FOAM CARPENTER CHEM. 2.15 lbs DENSITY	-
12	COMPRESSION WEATHER STRIPPING	FOAM
13	MAGNETIC WEATHER STRIPPING	VINYL
14	COMPRESSION WEATHER STRIPPING Q-LON QDS 650	FOAM
15	#12 x 1/2" L. SCREW (ASTRAGAL TO DOOR)	STEEL
16	10-24 x 3/8" PHILLIPS FLATHEAD SCREW	STEEL
17	#10 x 1 3/4" L. PHILLIPS FLATHEAD SCREW	STEEL
18	WOOD HINGE REIN. 1 11/16" SQ. x 5 7/8" L.	WOOD
19	2X WOOD (BUCK)	WOOD
20	1/4" MAX. SHIM SPACER	-
21	MASONRY WALL	-
22	3/16" TAPCON ANCHOR (ELCO)	STEEL
23	3 PIECE BUMP FACE OUTSWING ALUM./WOOD THRESHOLD	ALUM/WOOD
24	3 PIECE BUMP FACE OUTSWING ALUM. THRESHOLD	ALUMINUM
25	ADJUSTABLE SWEEP	VINYL
26	#10 x 1" WOOD SCREW (WOOD HINGE REIN.)	STEEL
27	#8 x 1/2" TYPE "AB" PANHEAD SCREW (SWEEP)	STEEL
28	1PIECE BARRIER FREE THRESHOLD	ALUMINUM
29	#8 x 2 1/2" L. PHILLIPS FLATHEAD SCREW	STEEL
30	#6 x 2 1/2" L. PHILLIPS FLATHEAD SCREW	STEEL
31	SOLID LATCH WOOD BLOCK 3 1/2" x 1 11/16" x 48" LG.	WOOD
32	CAULK SCHNEE MOREHEAD S-M 8500	SILICONE
33	#6 x 1 1/2" L. PHILLIPS FLATHEAD SCREW	STEEL
34	INTEGRAL STEEL LITE FRAME RETAINER CLIP	STEEL
35	FOAM STOP	CARDBOARD
36	STEEL LATCH JAMB (16GA. .054" MIN.)	STEEL

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 03-0109.05  
Expiration Date 04/21/08

By *[Signature]*  
Miami Data Products Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE *April 21, 2000*  
BY *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-1028.04

DATE: 2/25/00  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2006  
SHEET 5 OF 5

RW BUILDING  
CONSULTANTS, INC.  
813.684.3831

GENERAL PRODUCTS CO. INC.  
P.O. BOX 7387  
FREDERICKSBURG, VA. 22404  
PH. (540) 898-5700

PRODUCT: BENCHMARK GLAZED W/  
OUTSWING STEEL DOOR W/  
ADJUSTA-STEEL FRAME

PART OR ASSEMBLY:

FRAME COMPONENTS &  
BILL OF MATERIALS

NO.	DATE	REVISIONS
1	3/28/00	GENERAL